

PATENT ABSTRACTS OF JAPAN

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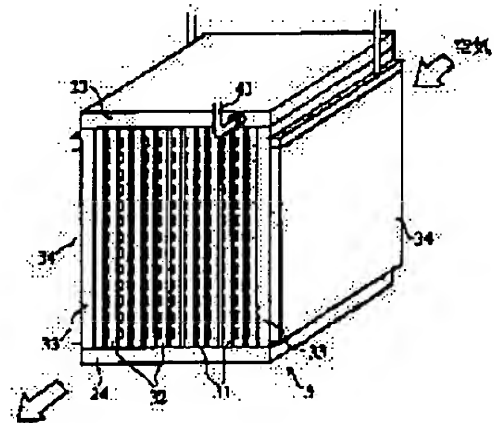
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(54) PORTABLE FUEL CELL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a portable fuel cell by which the temperature distribution in a battery stack at fuel cell starting time can be efficiently uniformized.

SOLUTION: A plane-shaped starting heater 33 is arranged in a contact shape over the whole on outside surfaces of both end plates 34 of a fuel cell main body 3. The starting heater 33 is actuated by electric power generated by the fuel cell main body 3, and raises a temperature in the vicinity of an outside surface in the fuel cell main body 3, and uniformizes the temperature distribution in the fuel cell main body 3.



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